



Deputy Under Secretary of Defense

## Advanced Systems & Concepts

SUCCESS STORY

### Ten Joint High Speed Vessels to be Built for Army and Navy



*The Joint High Speed Vessel from the Theater Support Vessel ACTD*

A contract was recently awarded for the design and construction of ten Joint High Speed Vessels, five to be operated by the Navy and five to be operated by the Army. The Theater Support Vessel (TSV) ACTD contributed to the program.

The Joint High Speed Vessel program is a result of the TSV ACTD and Army program, and the Navy High Speed Connector program. The ACTD was conducted in partnership with the U.S. Central Command and the Army, and initiated to demonstrate the high-speed delivery of combat-ready units in harsh coastal areas. The ACTD leased high speed vehicles, which conducted intra-theater movement of troops and equipment in support of Operations Iraqi Freedom and Enduring Freedom and Exercises Foal Eagle and Cobra Gold. After operating the leased vessels, the Services agreed that the platform was urgently needed. After the ACTD, the Army and Navy merged their efforts to take advantage of commonalities, create a more flexible asset for the DoD, and leverage the Navy's expertise in ship acquisition.

The Joint High Speed Vessel will be capable of transporting 600 short tons across a distance of 1,200 nautical miles, at an average speed of 35 knots. The ship also will have airline-style seating for more than 300 embarked forces and fixed berthing for approximately 100 more. It will be operational in Sea State 3 (about 7–10 knot winds and two-foot waves) and survivable in Sea State 7 (about 28–33 knot winds and 14-foot waves). In addition, it will be able to operate in shallow ports and waterways, use roll-on/roll-off facilities, and be capable of on and off-loading a combat-loaded M1A2 Tank. And, it will have a flight deck to support day and night air operations.



The first Army vessel is expected to be delivered in 2011, and the first Navy ship will be delivered in 2012.

For more information on the JCTD program, visit: [www.acq.osd.mil/jctd/](http://www.acq.osd.mil/jctd/).